

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No: To Be Assigned
Applicants: Hirokazu KOBAYASHI, et al.
Filed: Herewith
Title: MOBILE COMMUNICATION DEVICE, MOBILE ROUTER
AND MOBILE COMMUNICATION SYSTEM
TC/A.U.: To Be Assigned
Examiner: To Be Assigned
Confirmation No.: To Be Assigned
Docket No.: MAT-8606US

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following references are not in the English language:

- 1) JP 2003-319461
- 2) JP 2003-283546
- 3) JP 09-172451
- 4) JP 2000-013823
- 5) JP 2000-244601
- 6) JP 2002-507343
- 7) JP 2003-514442

References 1) to 5) include an English language abstract. Further, Reference 6) includes an English language abstract from WO 98/56140.

References 4) and 7) also include a "concise explanation" under 37 CFR § 1.98(a)(3) as set forth in the specification.

Also, Reference 7) has a counterpart English language patent or application attached.

Further, References 1) to 3) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of the International Search Report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

This Information Disclosure Statement is being filed concurrently with the above-referenced application.

Respectfully submitted,

Daniel N. Calder

Daniel N. Calder, Reg. 27,424
Attorney for Applicants

DNC/fp

Enclosures: PTO Form 1449 (2 sheets)
Copies of (8) References
English translation of International Search Report

Dated: October 15, 2004

P.O. Box 980
Valley Forge, PA 19482-0980
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

EXPRESS MAIL: Mailing Label Number: EV 447 719 728 US
Date of Deposit: October 15, 2004

I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Kathleen Libby
KATHLEEN LIBBY

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

Complete if Known

| | |
|----------------------|---------------------------------|
| Application Number | To Be Assigned 10/511569 |
| Filing Date | Herewith |
| First Named Inventor | Hirokazu KOBAYASHI, et al. |
| Art Unit | To Be Assigned |
| Examiner Name | To Be Assigned |

Attorney Docket No. **MAT-8606US**

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number Number - Kind Code ² (If known) | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|---|----------------------------------|--|---|
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known) | Publication Date (MM-DD-YYYY) | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|--|-------------------------------|--|--|--------------------------|
| | | JP 2003-319461 A (with English abstract) | 11/07/03 | DENSO CORP | | <input type="checkbox"/> |
| | | JP 2003-283546 A (with English abstract) | 10/03/03 | MITSUBISHI MATERIALS CORP | | <input type="checkbox"/> |
| | | JP 09-172451 A (with English abstract) | 06/30/97 | SONY CORP | | <input type="checkbox"/> |
| | | JP 2000-013823 A (with English abstract) | 01/14/00 | NTT MOBIL COMMUNICATION NETWORK INC | | <input type="checkbox"/> |
| | | JP 2000-244601 A (with English abstract) | 09/08/00 | MITSUBISHI MATERIALS CORP | | <input type="checkbox"/> |
| | | JP 2002-507343 A (with English abstract from WO 98/56140) | 03/05/02 | SALBU RESEARCH AND DEVELOPMENT LIMITED | | <input type="checkbox"/> |
| | | JP 2003-514442 A (with counterpart WO 01/35585) | 04/15/03 | TELEFONAKTIEBOL AGET LM ERICSON | | <input type="checkbox"/> |
| | | WO 01/35585 (with counterpart JP 2003- 514442) | 05/17/01 | TELEFONAKTIEBOL AGET LM ERICSON | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |
| | | | | | | <input type="checkbox"/> |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.⁶Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|--------------------------|--|
| <p>Substitute for Form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p> | <i>Complete if Known</i> | |
| | Application Number | To Be Assigned <i>10/511563</i> |
| | Filing Date | Herewith |
| | First Named Inventor | Hiroyuki KOBAYASHI, et al. |
| | Art Unit | To Be Assigned |
| | Examiner Name | To Be Assigned |
| SHEET 2 of 2 | Attorney Docket No. | MAT-8606US |

NON-PATENT LITERATURE DOCUMENTS

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here if English language translation is attached

**Applicant is to place a check mark here if English language translation is attached.*
The collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO:**
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.